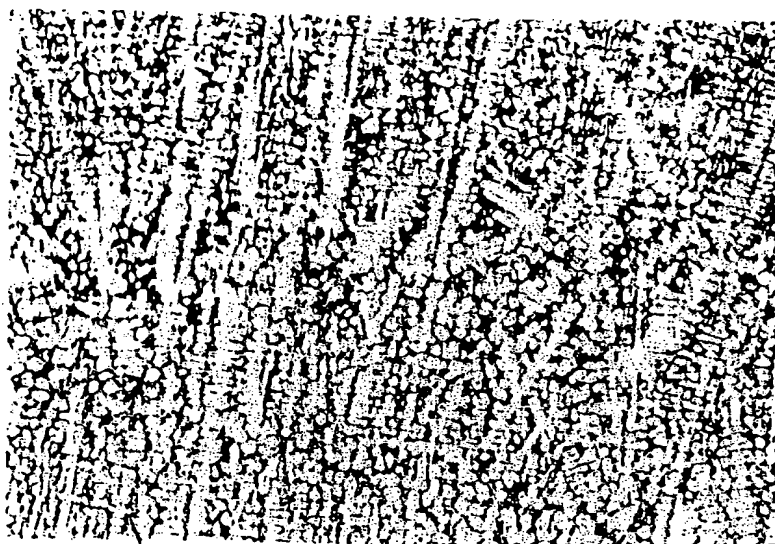


FIG. 1

(a)



100 μ m
X 50

1 EUTECTIC CARBIDE
(BLACK PORTION)

2 BASE MATERIAL
PORTION
(WHITE PORTION)

(b)



FIG. 2

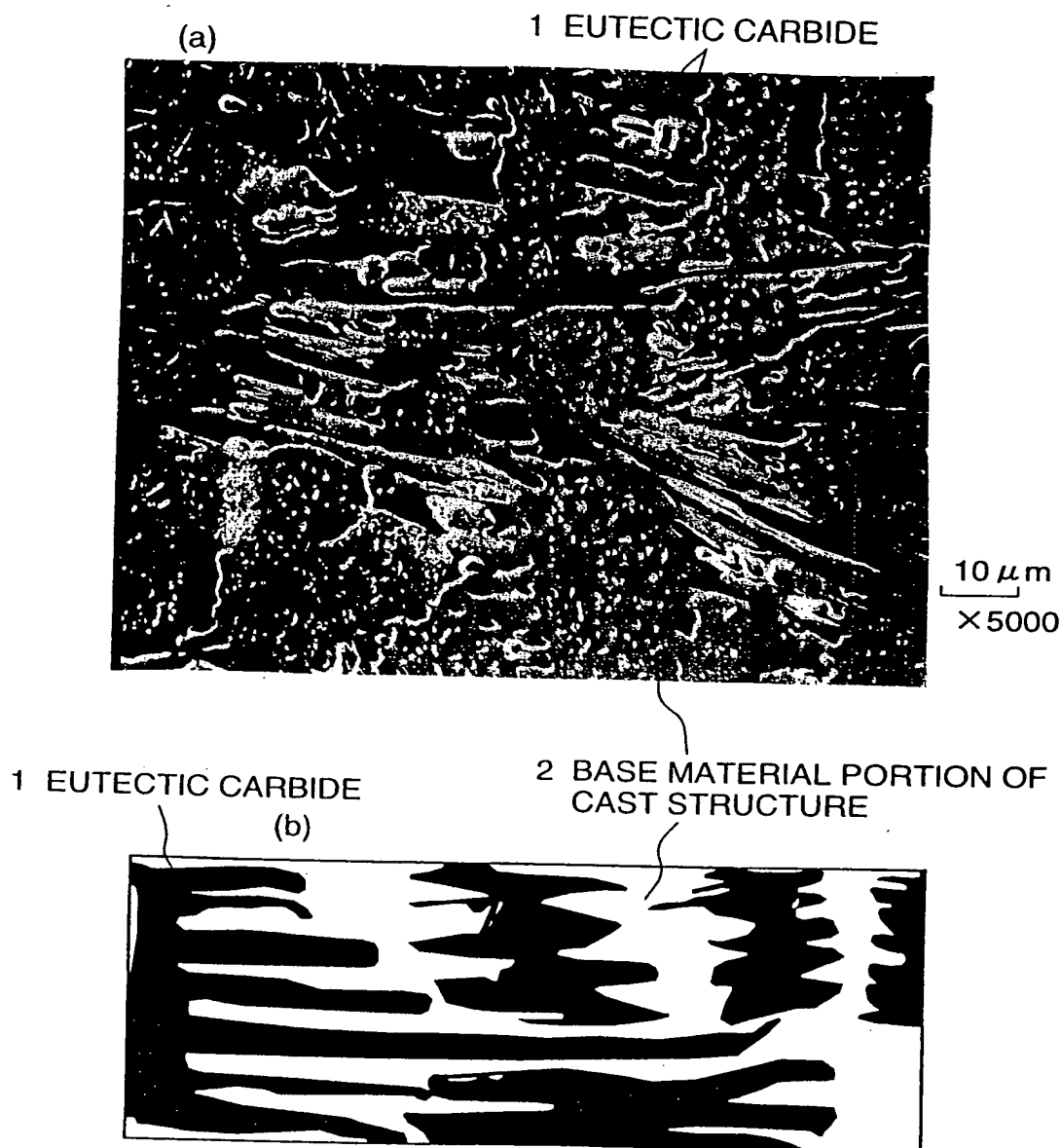


FIG. 3

1 EUTECTIC CARBIDE
(HAVING MAIN COMPONENTS
OF Cr,C,Co,AND W)

(a)



10 μ m
× 5000

1 EUTECTIC CARBIDE
(HAVING MAIN COMPONENTS
OF Cr,C,Co,AND W)

(b)

2 BASE MATERIAL PORTION
OF CAST STRUCTURE
(HAVING MAIN
COMPONENT OF Co)

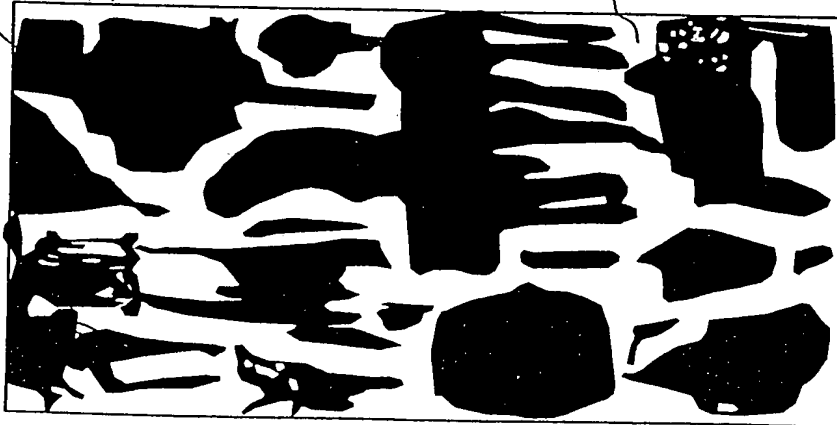


FIG. 4

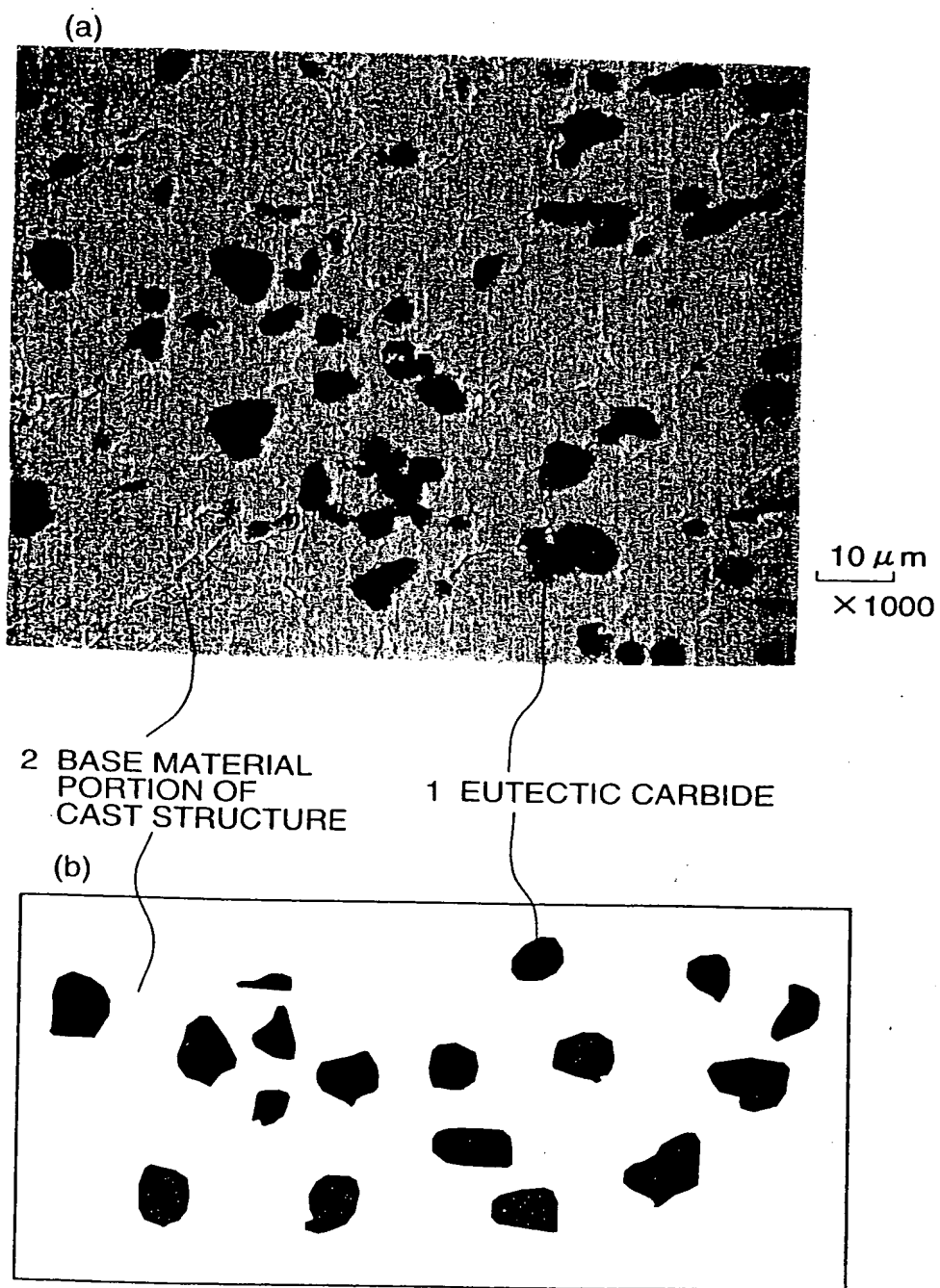


FIG. 5

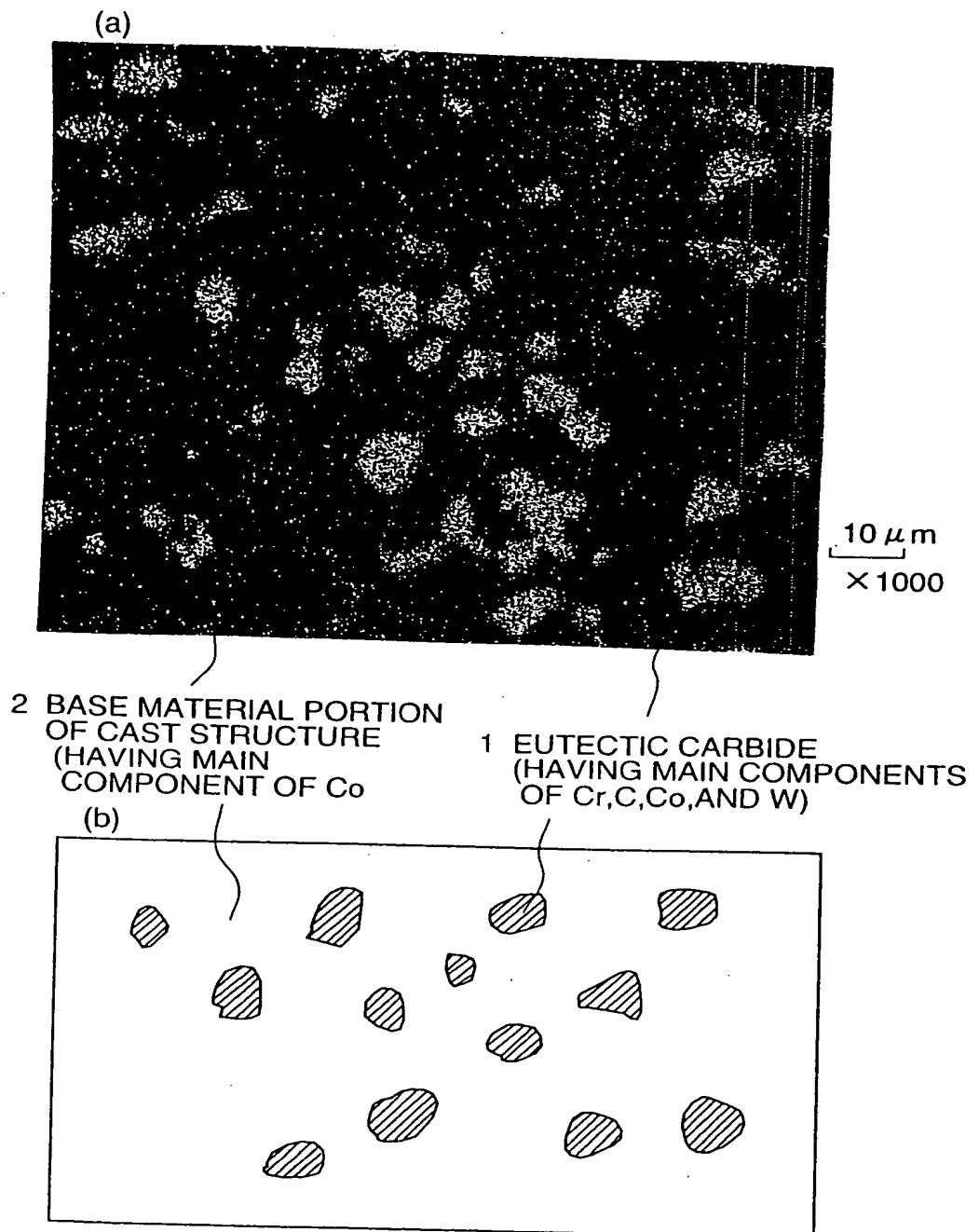


FIG. 6

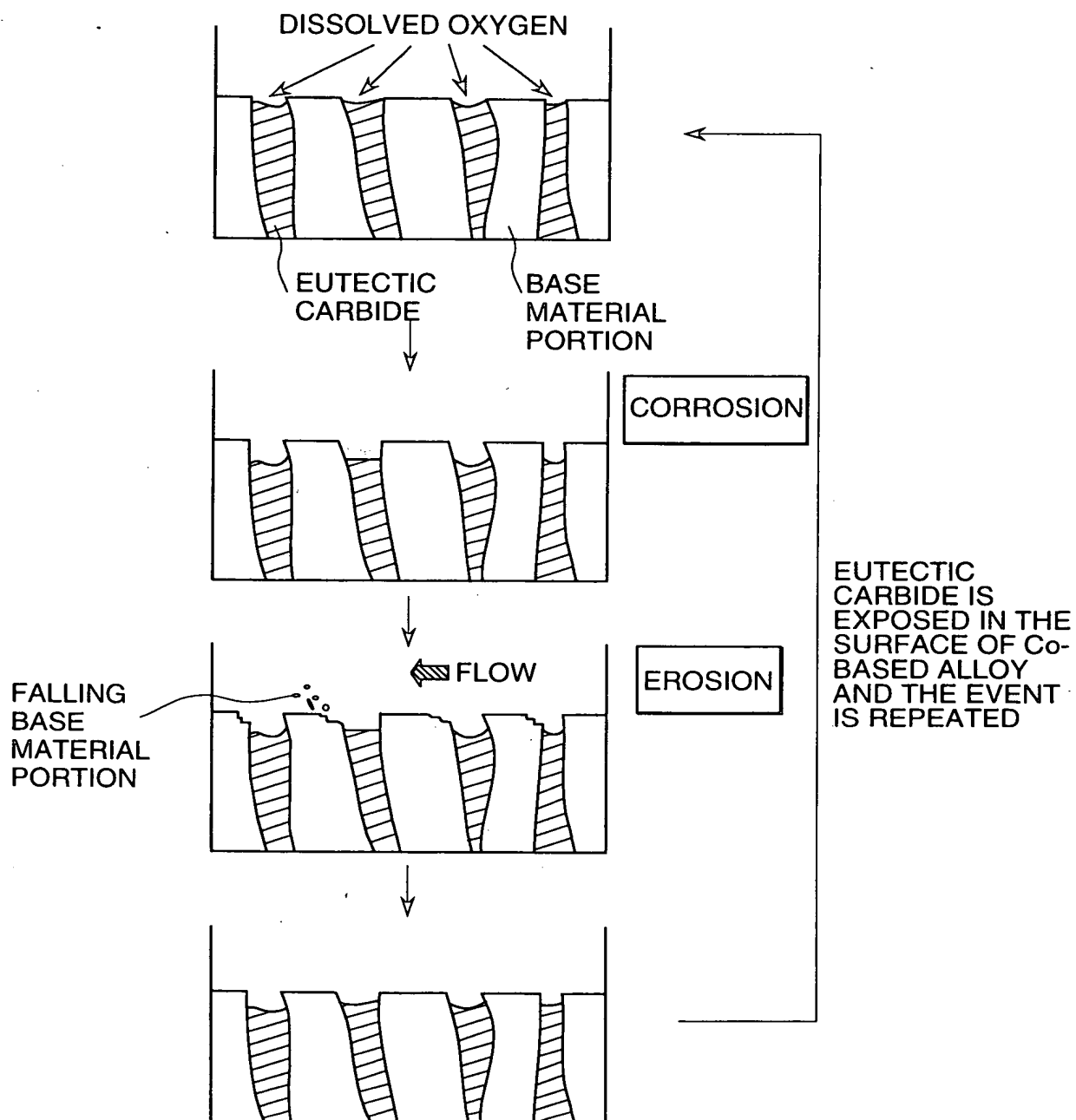
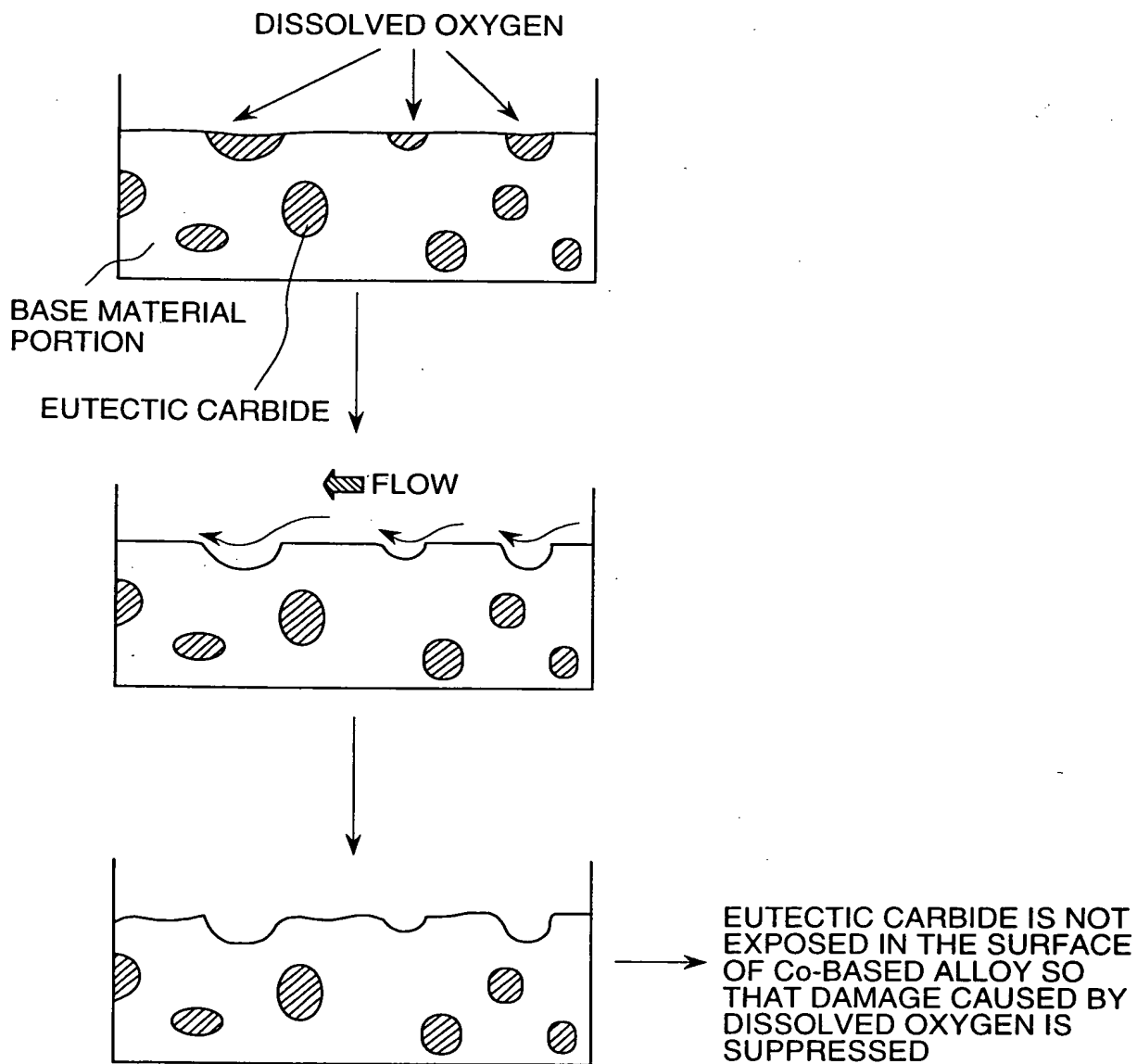


FIG. 7



8 / 14

FIG. 8

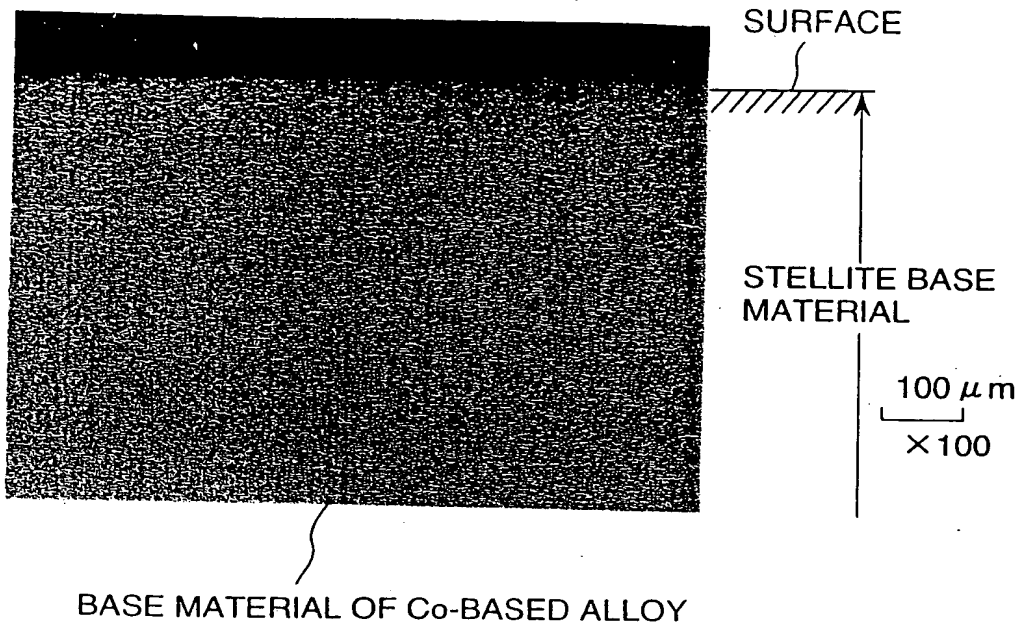


FIG. 9

CHANGE IN COEFFICIENTS OF FRICTION OF
CORROSION-RESISTANT ABRASION-RESISTANT
ALLOY AND CONVENTIONAL Co-BASED ALLOY

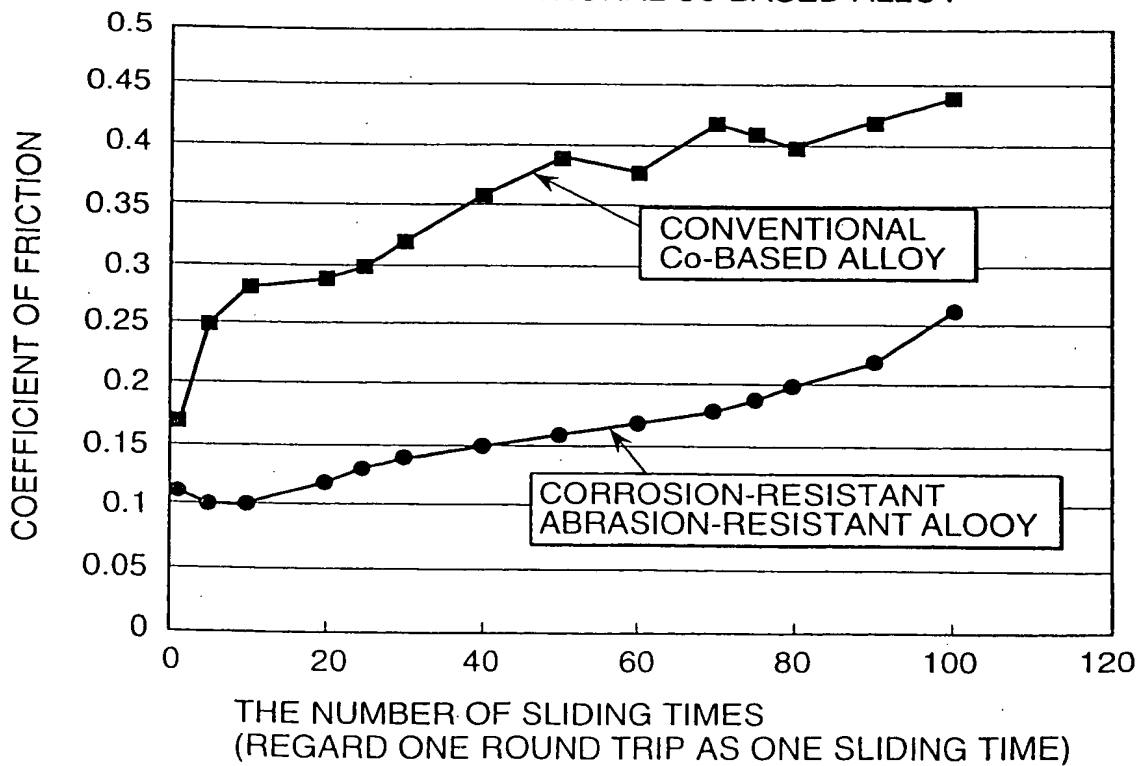


FIG. 10

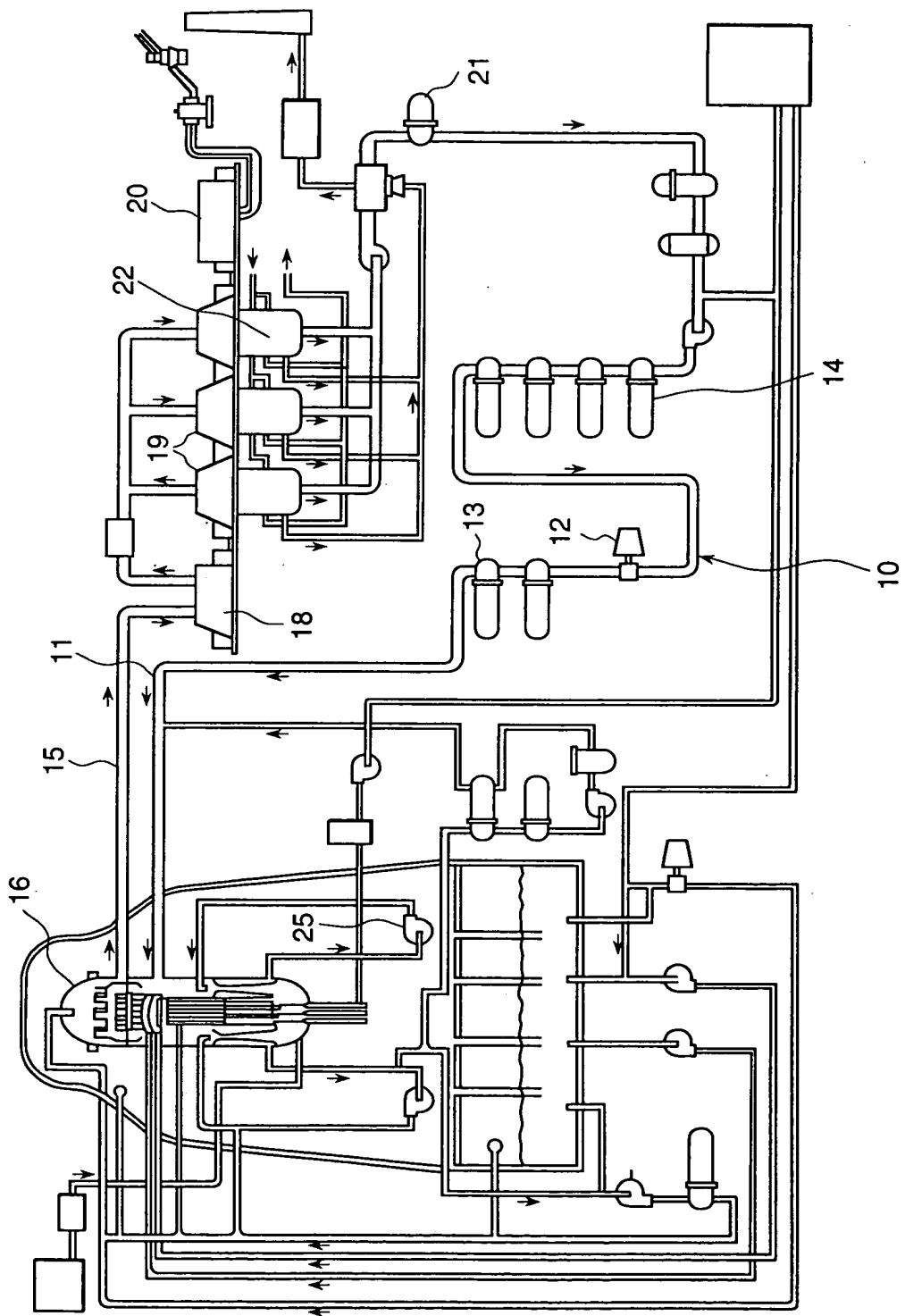


FIG. 11

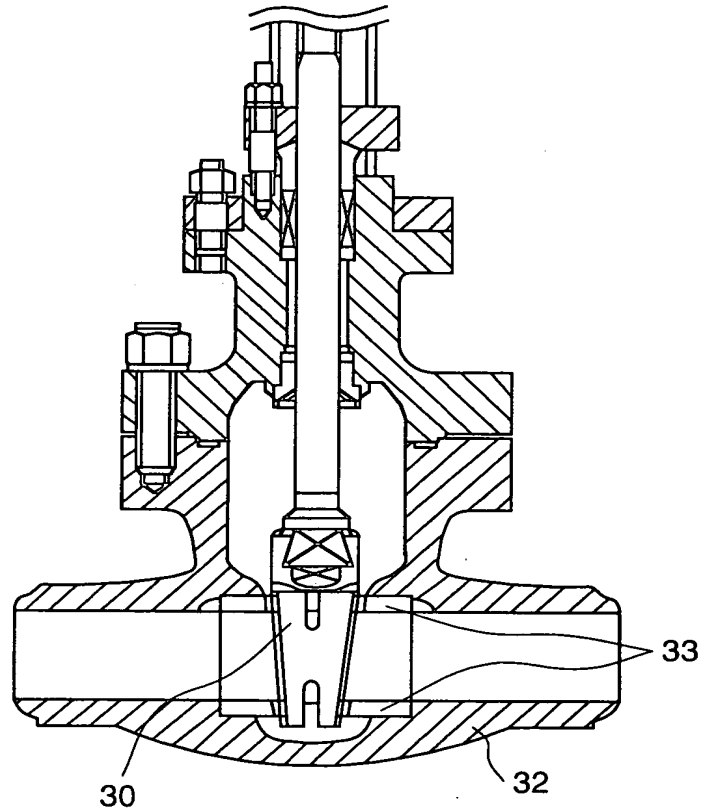


FIG. 12

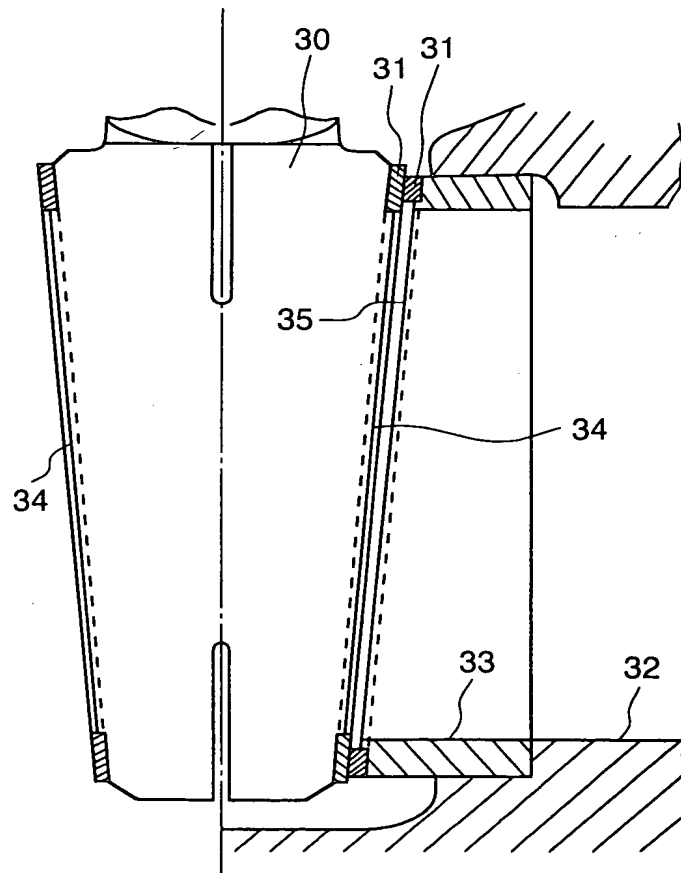
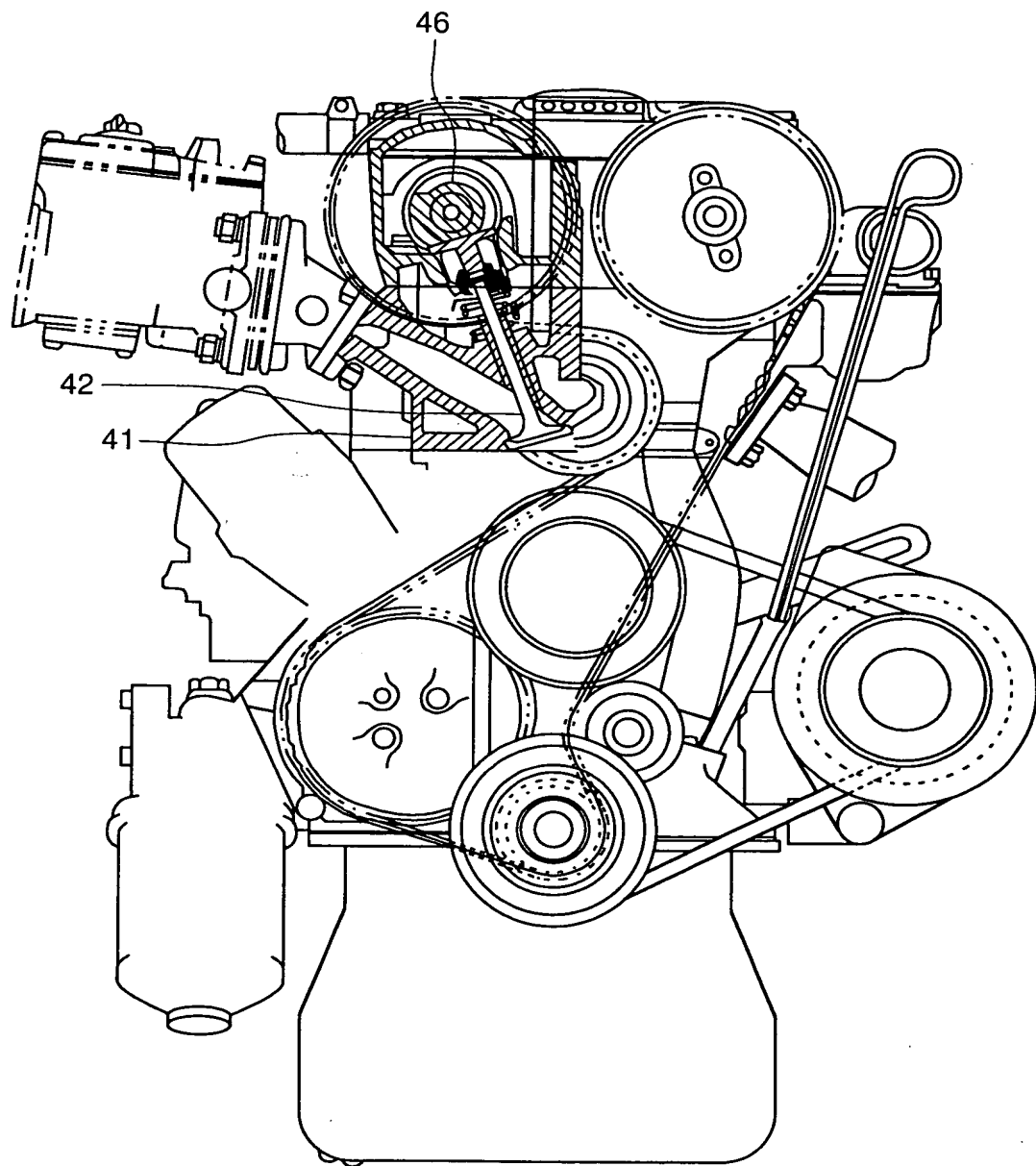


FIG. 13



12 / 14

FIG. 14

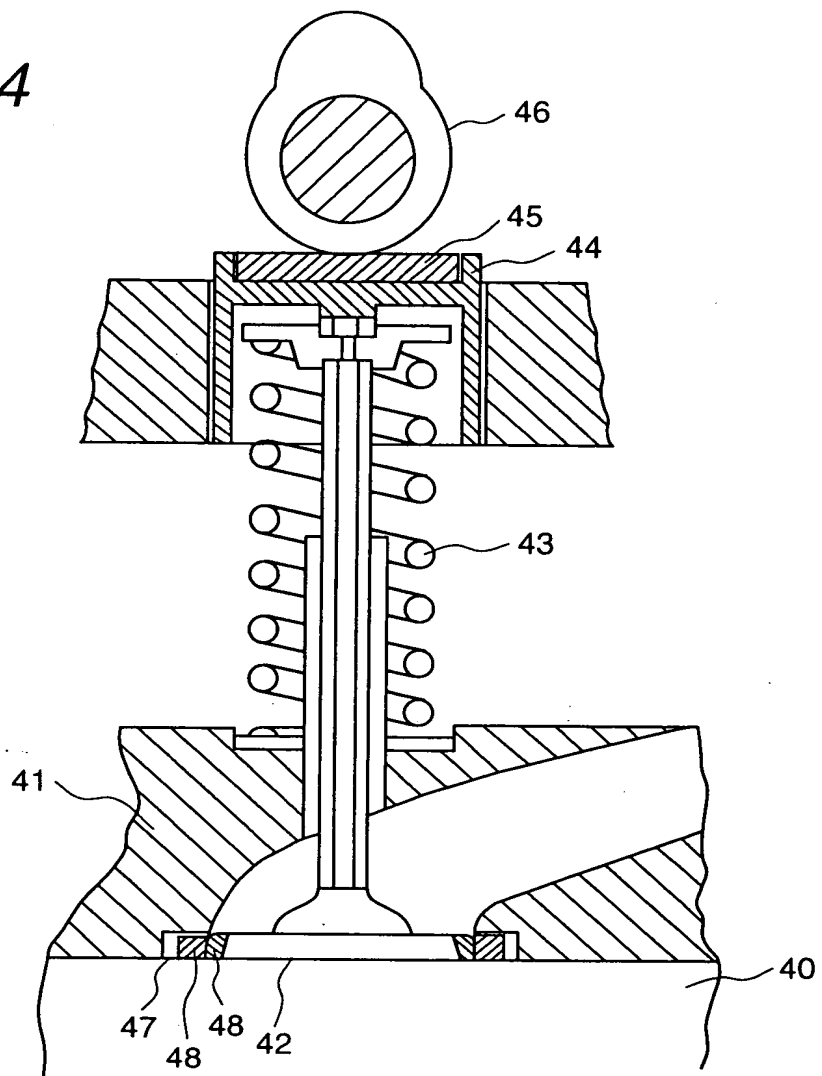


FIG. 15

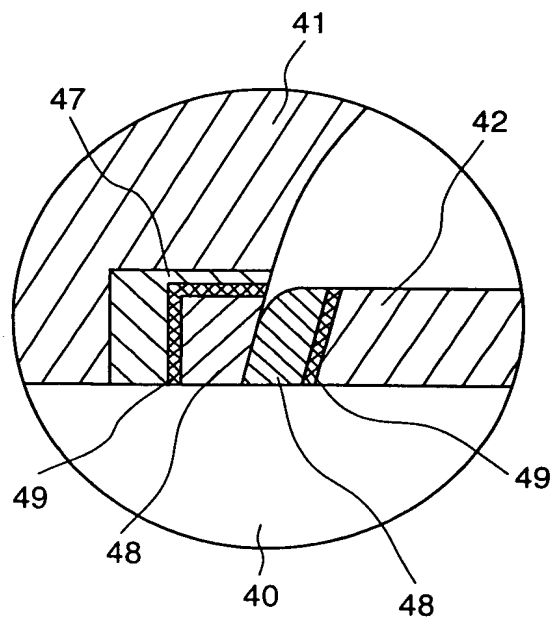


FIG. 16

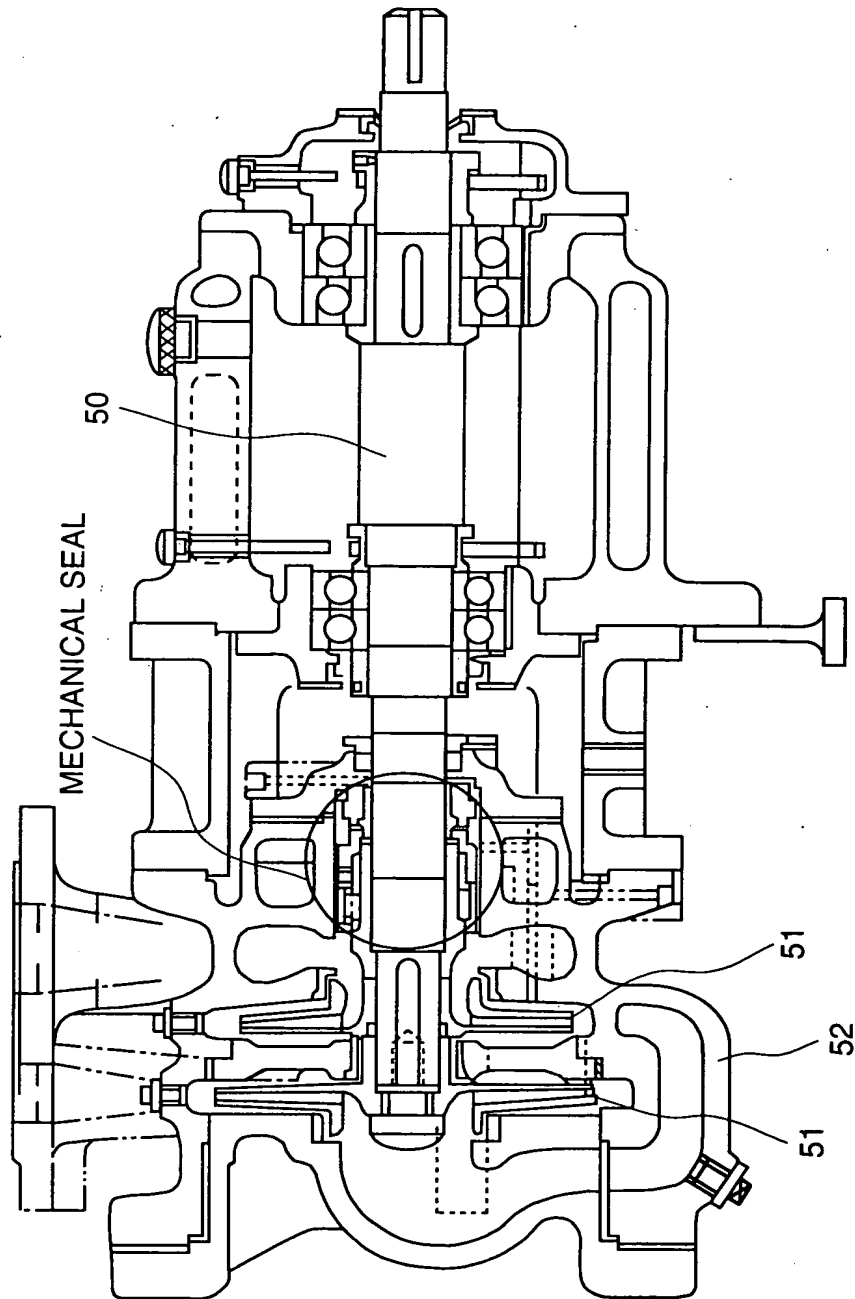


FIG. 17

